

HITCH SYSTEM USING A VIDEO CAMERA
TO FACILITATE HITCH ALIGNMENT

ABSTRACT OF THE DISCLOSURE

5 A video monitoring system is disclosed which may
be used by the operator of a vehicle to guide the
approach of the vehicle to an implement or a trailer
or the like to bring connecting members of a hitch
mechanism respectively located on the vehicle and on
10 the implement or trailer into alignment and engagement
with each other. A video camera is installed onto
either the vehicle in the closest possible proximity
to the hitch latching mechanism and is directed toward
an alignment indicia located on the implement or
15 trailer. A video monitor in the cab of the vehicle
displays the video image "seen" by the video camera of
the alignment indicia, allowing the vehicle to be
driven into a position in which the implement or
trailer may be hitched to the vehicle.